

Wasp/Hornet/Yellow Jacket Removal (Anti-Venom Lab) Doug 425-485-0103
venomcollect4free@comcast.net



**Seattle P-Patch Community
Gardening Program**

**700 5th Ave Suite 1700
PO Box 94649
Seattle, WA 98124-4649
206-684-0264
P-patch.don@seattle.gov**

Organic Gardening Resources and Tips



ORGANIC SOIL BUILDING is the key to a successful, productive garden. Think of soil building as an on-going process where you feed the soil so it can feed you. The information provided below is only a rough guide. The P-Patch office has more extensive information. We encourage you to get your soil tested: a test for NPK (Nitrogen, Phosphorus, and Potassium) and pH (measure of the soils acidity and is a primary factor in plant growth, different types of plants thrive in different pH) is available from the University of Massachusetts, Soils Lab, Web-page: <http://www.umass.edu/plsoils/soiltest> or soiltesting@hotmail.com or (413) 545-2311.

Fish Bone Meal

2-8-0

TECHNIQUES FOR BUILDING THE SOIL - An overview

- **Composting:** The two methods to make compost are Hot and Cold. Hot composting makes efficient use of bins and is the quickest way to garden-ready compost. Cold composting is convenient for those who do not have the time needed for hot composting. Cold composting is an add-as-you-go method that needs to sit for at least a year to form compost. Rewards from adding compost to your garden are rich soil, strong healthy plants, increased pest and disease resistance, fewer weeds, better water retention, slow release nutrients, mychorizzal fungi, flavorful sweet vegetables and beautiful flowers and berries.
- **Cover Crops:** Plants grown then chopped up and turned into soil at least one month prior to planting. They perform a variety of valuable soil building roles including leachate prevention, nitrogen fixation, compete with weed growth, mineral mining, and **"green manure" or increased organic matter**. Fall cover crops include: fava beans, annual rye, annual crimson clover, vetch, field peas, corn salad and summer cover crops include: buckwheat and cow peas.
- **Mulches:** Composted, partially composted or un-composted organic materials applied on top of the soil. Depending on season, mulching is done in many ways for many reasons. Mulches include: leaves, coffee grounds, coffee chaff, and straw.

"Interbay Mulch" Recipe: Sheet composting under damp burlap covers.

-Up to 50% "green" materials (grass clippings, espresso grounds, seaweed, vegetable pulp from a juice bar, any garden debris except seed heads and diseased plants which should be hot composted or disposed of in yard waste off site)

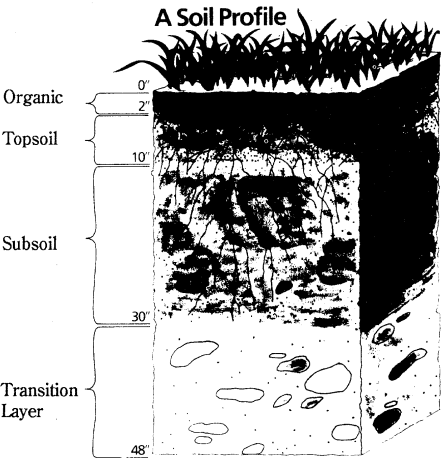
-50-100% "brown" materials (Brown leaves, rotted sawdust or shavings from untreated wood, rotted straw, old pine needles (especially recommended as berry mulch), rotted burlap rotted cotton clothes, dryer lint)

-Mix materials together six to 18 inches deep on top of garden bed

-Cover with damp coffee sacks

-This system works like a worm bin if you want to bury low C:N ratio "greens" into the pile during the winter

-When removing garden material, leave the roots, which are full of sugar to decompose in situ. By spring old roots have become a vast network of underground passageways for oxygen and new roots.



I MY P-PATCH!



Additional SOIL AMMENDMENTS:

Nitrogen Sources promote good leaf development. These numbers are based on **100 square' plot**.

Cottonseed meal	5-6 pounds	Dry chicken manure	15-20 pounds
Dry steer manure	35-40 pounds	Dried blood meal	2.5-3 pounds
Bat Guano	10-3-1	Shrimp Shell Meal	5-8-0
Coffee chaff	20-25 pounds	Fishmeal	3-5 pounds
Alfalfa meal	5-0-2.5		

Compost

- Cedar Grove - 425-432-2395. Mention you are in a p-patch and you should receive a discount.
- Pacific Topsoils - 1-800-884-SOIL(7645) or sales@pacifictopsoils.com. Delivery available.
- Sawdust Supply - 206-622-4321. Call for prices. Delivery available
- Sayers Fuel 206 - 723-0564. Delivery available
- de Jong Sawdust & Shavings - 425-885-1821. Coarse/wood shavings & chicken manure or fine/sawdust & cow manure. Call for pick-up and/or delivery prices.
- Bailey Compost - 360-568-8826 or baileycompost@gmail.com. Please call for delivery prices. Hours of operation are Monday-Friday 8:00am-4:30pm.
- Red-E Topsoils 425-868-6500

Manure sources: *Caution - un-composted horse, goat, chicken or other manures often contain weed seeds, can burn plants if applied directly. Always call to make arrangements for pick up and let the P-Patch office know if these sources no longer exist.*

Horse Manure

- Seattle Police Mounted Patrol West Seattle - 206-386-4238
- King Conservation District "Manure Share Program" - 206-425-282-1903

Cow Manure

- Richard Gradwohl - 253-631-1911. Composted manure with straw. By appointment only.
- Smith Brothers/Bob Lewis - 206- 682-7633. Call for delivery and prices.
- HyGrass Farms 253-833-7707 Hy Grass Farms is a local source of inexpensive, beautifully composted cow manure sans antibiotics. Use it as a soil amendment that will add texture, hold water and add small amounts of Nitrogen to your soil. Or use it as a top dressing to help control weeds. Take your pick-up and they'll load it for you for \$20.00. Call for appointment

Goat Manure

- Port Madison Farm on Bainbridge Island 206-842-4125 aged goat manure/u-haul/call 1st

Zoo Doo (Manure from herbivores at the Seattle Zoo) call 625-POOP for availability

Coffee Chaff - the outer paper like coffee bean skin left after roasting - also a good mulch - call
-Good Coffee Company, 818 Post Ave. 206-622-5602. Please call or check with any coffee roaster near you for availability.

Leaves

- Seattle Transportation - 684-0788 for more information and your own neighborhoods/neighbors
- Parks Department call your districts grounds crew, check in fall

Coffee Grounds - Have your closest coffee shop save grounds for you to pickup regularly.

- Café Vita 206-709-4440 (Just east of Broadway on Pike. Stop in and set up appointment.)
- Espresso Vivace on Denny Way, first come first serve 206-860-5869

Miscellaneous Organic Inputs

- Parks Dept. 206-233-3971. Milfoil, lake weed, wonderful for soil amending, milfoil is harvested by the Parks Dept just before the hydro races and is at its peak. Call for delivery,
- Grass 206-547-6710 Carina Langstraat
- Okra Hulls (Soybean by-product) Island Spring Tofu Co. Vashon 206-463-9848

Phosphorus Sources: promote healthy roots & fruit formation. These numbers based on **100 sq'**

Rock Phosphate (slow	3	acting - long lasting)	10-15
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pounds

Potassium Sources: to help plants resist disease

Granite dust	10 pounds	Greensand	10-15 pounds
Wood ashes	3 pounds	Seaweed (kelp meal)	12 pounds dry

Sunflower Seed Hulls (ground to dust) 0-0-11
Granite dust, Quiring Monuments, 9608 Aurora N - 522-8400 call 1st - free w/ you own bucket
Wood ashes - caution - use only ashes from wood fires, no treated or painted lumber

Lime: Reduce soil acidity and make nutrients more available 5-10 pounds per 100 sq'.
Lime should be applied in Fall/Winter well before planting time in desired area.

Fertilizer Mix Recipe: (numbers based on 100 square' plot)
To make your own blend use quantities (measured by volume) as follows:
4 parts seed meal (cottonseed, soybean and linseed) or fishmeal
1 part dolomite lime
1 part rock phosphate or 1/2 part bone meal
1/2 part kelp meal
1 part fairy dust

Straw/Hay
-Bothell Feed 425-481-8882
-Nature Boys Organic Feed 17022 Pacific Ave (Hwy 7) Spanaway 253-537-8370

Chicken Feed / Merchantile
- Portage Bay Grange 4110 Roosevelt Way NE 98102 /kevin@portagebaygrange.com
- 206.369.2317

Saw Dust
-Dave Fen 206-292-0286
-SCCC woodshop on 23rd and Jackson. Please talk to John at 206-396-4438
-Salmon Bay Lumber, Dave Kirkendahl 206-789-2135
-Interior Environments, cabinet company on Airport Way 206-624-4936
-Solid Wood, 60-80lbs 36"/15'long/pick up outside gate (don't enter inside gate) sw side
Thurs-Fri 7am-3pm 3450 16th Ave W

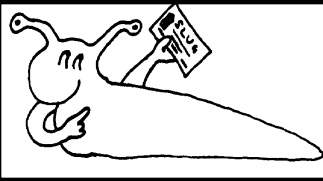
Woodchips
-Scott Selby (4 Seatree Inc) 206-396-2480, scott.selby2@verizon.net
-Ballard Tree Service, Greg 782-4847, pager 510-3671
-Emerald Tree Service 726-0668
-Seattle Tree Preservation, John Husagen 367-4048, Mobil 510-4107
-Best Tree Service: www.besttreeservicenw.com 425-450-0600
-Asplund 425-483-9339, may require long advance notice

Leaves
-Parks & Recreation Dept- NW 206-233-3971, SE 206-386-1916, DT 206-684-7258, NC 684-4958, SC 206-386-1987, CW 206-386-4280, NE 206-684-4955, SW 206-684-7457, CE 206-684-4750.
-Seattle Department of Transportation— North of Denny 206-684-0788, Central/South 206-386-9155 or 206-233-3770, North 206-684-4204, West Seattle/South Park 206-684-7421.

Compost Thermometers info@nascofa.com
Cleavers chop compost materials Viet Wah @12th Ave South & South Jackson

Seed Source	Seeds									Insecticidals						Plants					Gardening Books	Tools		
	Burpee	Ed Hume	Lily Miller	Seeds of Change	Shepherds	Botanical Inter	Renee's Garden	Territorial	Green Manures	Specialties	Safer's Soap	Concern Products	BT	Pyrethrin	Rotenone	Diatomaceous Earth	Spring Veggies	Herbs	Seed Potatoes	Onion Sets			Fall Veggie Starts	
X				X				X				X					X	X				X	X	
X	X									X	X	X				X		X	X	X		X	X	X
X				X				X				X					X	X					X	X
X	X									X	X	X	X			X		X	X	X	X	X	X	X
X	X									X	X	X	X			X		X	X	X	X	X	X	X
X	X									X	X	X	X			X		X	X	C	C	X	X	X
X		X		X			X	X			X	X	X	X		X	X	X	X	X	X	X	X	X
X	X									X	X	X	X	X	X	X		X	X		C		X	X
X		X						X			X			X		X	X	X		X	X	X	X	X
	X									X	X	X	X			X								
X	X			X		X	X	X		X	X	X	X			X	X	X	X	X	X	X	X	X
X	X	X		X			X	X	X		X	X	X	X		X	X	X	X	X	X	X	X	X
?		X	X			X	X		X	X	X	X	X			?	X	X	X	X	C		X	X
O	X									X	X	X	X					X	X	X	X	X	X	X

in stock. For discount, present green Friends of P-Patch membership card. *1 = One time only discount. *2 = Vegetable plants only



also attracted to the beer) or a mix of 1/2 t yeast + 1/2 t sugar + 1 cup warm water.

removed.

apple maggot fly and Codling Moth traps: little tents with pheromones
can use bags of red apples instead of the plastic ones and cover them in tangletrap and achieve the same results for the apple maggot.
ations you have.
spray to control insect eggs and 2. A caolin clay spray to coat the fruit which deters the insects boring into the fruit.

Here's where you can find gardening supplies around town. It's always good to call first.	Offer: P-Patch 10% Discount Regular price garden items	Soil Amendments										Manure/Composts				
		Bone Meal	Blood Meal	Kelp Meal	Cottonseed Meal	Fish Meal	Organic Blend	Greensand	Rock Phosphate	Dolomite Lime	Chicken	Steer	Barnyard	Farmyard	Mushroom	Cedar Groves
View Ridge 526-7661 6514 40th Ave. NE, Seattle 98115		x	x	x	x		x	x	x	x						
Fremont 632-6811 716 N. 34th Seattle, 98103		x	x	x	x	c	x	x					x			
Puget Consumers' Co-op - Seward Park 723-2720 5041 Wilson Ave. S., Seattle 98118							x									
West Seattle 937-8481, 2749 Calif. Ave. SW, Seattle 98116		x	x	x	x		x	x	x	x	x	x	x			
City People's Garden Store -- 324-0737 2939 E. Madison St, Seattle 98112	*	x	x	x	x	x	x	x	x	x			x			
City People's SandPoint 524-1200 5440 SandPoint Way NE, Seattle, 98105	*	x	x	x	c	c	x	c	x	x	x		x	x	x	
West Seattle Nursery & Garden Ctr 935- 9276, 5275 Calif. Av. SW Seattle 98136	*	x	x	x	x		x		c	x	x	x	x	x	x	
The Wallingford Garden Spot 547-5137 1815 N. 45th St., Seattle 98103	*	x	x	x		x	x			x						
Junction True Value Hardware 932-0450 4747 44th Ave. SW, Seattle 98116	*	x	x	x		x	x			x	x	x			c	
Indoor Sun Shoppe 634-3727	*	x	x	x	x	x	x	x	x	x						
Swanson's Nursery 782-2543 9701 15th Ave NW, Seattle	*	x	x	x	x	x	x	x	x	x	x	x			x	
Sky Nursery 546-4851 18528 Aurora Ave. N., Seattle 981133,	*	x	x	x	x	x	x	x	x	x	x	x			x	
Furney's Nursery (206)878-8761 21215 Pac Hy So., Des Moines	*	x	x	x	x		x	x	x	x	?	?	?	?		
Magnolia Garden Center 284-1161 3213 W. Smith St., Seattle 98199	*	x	x	x	x		x	x	x	x	x	x			x	x
x--Material is boxed or bagged. o--Available in bulk. c--Call first, as not always																
Organic Pest Control Tips:																
Slug Trap: make your own traps at home for use in organic P-Patch gardens																
1) Cut 3 or 4 windows in a cottage cheese carton																
2) Add bait:																
Suggested baits for traps																
Beer: Fill the trap to about 1/2 inch from the top with fresh beer. Clean and refill every other day. (Unfortunately, beneficial beetles are																
Slug Dough: Can be kept in the refrigerator, 1T. molasses, 3 T. cornmeal, 1/2 C. of flour, 1/2 C water, and 1/2 T. yeast.																
Other Baits: Place into the trap fermented bread dough, lettuce, cabbage, sliced potatoes or turnips placed in salty water.																
3) Replace lid																
4) Place on top of soil so beneficial bugs won't get trapped																
5) Place a weight (rock) on top so it won't blow away																
6) Wait for the slugfest, check often, and dispose of off the P-Patch site																
7) Re-bait trap																
Wasps and other bees are beneficial to an organic garden but sometimes they decide to nest in places that must be																
Doug Wasp Collections, Doug Cheney 425-485-0103																
Fruit trees and codling moths and apple maggots																
Apple Maggot plastic spheres coated with Tangletrap to attract and "imprison" app																
both products are available from Raintree. http://www.raintreenursery.com . you																
Neither works for complete control but more as an indicator of what kind of popu																
Picardo tried these organic methods in addition to the monitoring: 1. A dormant oil s																



SEED CATALOGS and SEED SAVING INFORMATION

P-Patch promotes organic gardening, and we encourage you to look for organic seeds. Along with organic, seeds often come with labels: open-pollinated, heirloom, or hybrid. Open-pollinated seed/plants may be classified according to how they are pollinated in either self pollinated or cross pollinated. Self pollinated plants tend to be true to type generation after generation while plants that are cross-pollinated, tend to have variation in successive generations. In order to save open-pollinated seeds you need to be put controls on cross-pollinating plants. Heirlooms seeds are saved and passed down through generations resulting in a variety of flavors, colors shapes, and histories and adaptation to a specific region. A benefit to the heirloom's traits is that the ripening process is staggered, which means you get produce that ripens on an ongoing basis rather than as hybrids which are bred to ripen at the same time. Hybrid plants grown from saved will always vary. Hybrids are a controlled cross of one generation with others that are not predictable. With hybrid seeds you have to buy that same seed again each year if you want the very same type. Check out some of the information sources below for more extensive information.



Seed Saving Information:

The best suited seed is the one that you saved from a plant that has done well previously in your garden, demonstrating its love of your particular microclimate and plant health. Always save seed from your plants that do the best. To find out more information on seed saving try **Seed Savers Exchange (Iowa)** www.seedsavers.org **563-382-5990** or **Abundant Life Seed Foundation:** www.abundantlifeseeds.com

Especially suited for northwest gardens:

The next best thing to saving your own seed is to experiment with varieties developed by seed companies that are suited for the NW environment so choosing close to home.

- Anioleka Seeds (Grants Pass, OR) seedfest.co.uk
- Garlicsmiths (Kettle Falls, WA) 509-738-4470
- Filaree Farm, Garlic Specialists (Okanogan, WA). filareefarm.com or 509-422-6940
- Horizon Herb (Williams, OR) horizonherbs.com or hhcustserv@horizonherbs.com
- Nichol's Garden Nursery: (Albany, OR) 1-800-422-3985, www.nicholsgardennursey.com
- Raintree Nursery: 391 Butts Rd., Morton, WA 98356

360.496.6400www.raintreenursery.com

- Salt Spring Seeds: (BC, Canada), saltspringseeds.com
- Steller Seeds (British Columbia, Canada) stellarseeds.com
- Territorial Seed Company: (Cottage Grove, OR) 800-626-0866, territoralseed.com
- Thyme Garden-Herb Seed Company (Alsea, OR) thymegarden.com
- Victory Seed Co: (Oregon) 503-829-3126, victoryseeds.com
- Wild Garden Seed & Shoulder to Shoulder Farm wildgardenseed.com
- West Coast Seeds (British Columbia, Canada) westcoastseeds.com

Additional Seed/Plant Resources:

- Organic Seed Alliance www.seedalliance.org
- Baker Creek Seed Company (Mansfield, MO) rareseeds.com
- Bountiful Gardens, Ecology Action: (Willits, CA) bountifulgardens.org 707-459-6410
- Botanical Interests, Inc (Broomfield, CO) botanicalinterests.com
- Dirt Works (New Haven, VT) dirtworks.net
- Environmental Seed Producers (Lompoc, CA) espseeds.com
- Florida Mycology Research Center (Pensacola, FL) mushroomsfmrc.com
- Gardens Alive (Lawrenceburg, IN) 513-354-1482 gardensalive.com
- Gardener's Supply Catalog (Vermont) gardeners.com 1-888-833-1412
- Garden Medicinals and Culinaries (Earlsville, VA) gardenmedicinals.com
- Golden Harvest (Fort Collins, CO) ghorganics.com
- Granny's Heirloom Seeds (Humansville, MO) grannysheirloomseeds.com
- Harmony Farm Supply/Nursery (Graton, CA) info@harmonyfarm.com or harmonyfarm.com
- Heirloom Seeds (W Elizabeth, PA) heirloomseeds.com
- Heritage Harvest Seed (Manitoba, Canada) heritageharvestseed.com
- John Scheepers Kitchen Garden Seeds (Bantam, CT) kitchengardenseeds.com
- Johnny's Selected Seeds: (Winslow, ME) 877-564-6697, www.johnnyseeds.com
- Kitazawa Seed Co: (Oakland, Ca.) 510-595-1188, www.kitazawaseed.com
- Ladybug Herbs of Vermont (Wolcott, VT) 802-888-5940
- Native Seed/SEARCH: (Tucson, AZ) 520-622-5561, nativeseeds.org
- Natural Gardening Company (Petaluma, CA) naturalgardening.com
- New England Seed Company (Hartford, CT) www.neseed.com
- Peaceful Valley Farm Supply: (Grass Valley, CA) 888-784-1722, groworganic.com
- Richter's Herbs (Ontario, Canada) richters.com
- Redwood City Seed Co. (Redwood City, CA) 650-325-7333 or ecoseeds.com
- Renee's Seed (CA) www.reneesgarden.com
- Ronniger's Seed Potatoes: (Orting, WA) 877-204-8704, ronnigers.com
- Sand Hill Preservation Center 563-246-2299
- Sourcepoint Organic Seeds (Hotchkiss, CO) 970-250-0951
- Seeds Blum: (Boise, ID) saveseeds.org
- Seed Dreams (Santa Cruz, CA) 831-234-8668
- Seeds of Change: (Santa Fe, NM) seedsofchange.com or 888-762-7333
- Terra Edibles (Ontario, Canada) www.terraedibles.ca/
- The Pepper Gal (Ft. Lauderdale, FL) peppergal@mindspring.com

WA State Office of Environmental Education, 2800 NE 200th Street Environmental Library Lake Forest Park 206-365-3893.

Starflower Foundation Small foundation assists with restoration of NW native landscapes on public lands. 206-527-3210.

Seattle Audubon Society Gardening for life program. 206-523-4483

Environmental Horticulture Program 206-685-2692 Linda Chalker-Scott lindacs@u.washington.edu Possible help with children's gardens/school property.

Cascade Harvest Coalition Building Community Strength through Healthy Food & Farm systems in Western Washington. 206-632-0606

Natural Resource Stewardship Network Urban Forestry/Water Quality Grant to enhance urban forests, improve/protect water quality and water dependent habitats, and/or demonstrate benefits of use of reclaimed water and biosolids.

Wiggle Worm Farm, 206-297-7303. Learn hands-on from an experienced professional worm grower how to easily and successfully start and/or maintain a worm bin year-round in Seattle.

Tree Resources

EarthCorps-Matches volunteer resources with urban forestry projects, community outreach coordinator Chris LaPointe or chris@earthcorps.org, 322-9296 x217

Seattle Parks Urban Forster-Katie Moller @ Katie.moller@seattle.gov or 206-233-5019

Green Seattle Partnership, Forest Stewards Programs— Joanna Nelson 206-292-5907 x117

City Arborist 206-684-8733, or e-mail Nolan.Rundquist@seattle.gov

Seattle Tree Stewards- Classes in tree biology& landscape maintenance are available to Seattle neighborhood groups of 15 or more by request. Contact Liz Ellis, 206-684-5008.

PlantAmnesty proper tree & shrub pruning education <http://www.plantamnesty.org> or 206-783-9813

W. Cascade Tree Fruit Society Seattle Chapter www.wcfs.org

Recycling Resources

King Co. Commission for Marketing Recyclable Materials www.metrokc.gov/market or 206-296-4439. Check out all the great businesses producing goods made from the waste stream!

WA Department of Ecology 800-RECYCLE. Recycling hotline.

NW Insurance Council-Strong Neighborhood Action Program (SNAP) Community Building Grants. 206-624-3330

National

American Community Gardening Association is a national non-profit organization of community garden and open space volunteers and professionals. ACGA promotes community gardening and greening nationwide. For information on membership, email (info@communitygarden.org), or website <http://www.communitygarden.org/>. They also run a listserv, to join and talk with community gardeners around the world www.communitygarden.org/listserv/index.html and join. A bi-monthly newsletter, the Multi-logue, and an annual Community Greening Review are membership benefits.

Community Food Security Coalition is a national non-profit organization dedicated to building strong sustainable local & regional food systems to ensure access to affordable nutritious and culturally appropriate food for all people. P.O.Box 209 Venice, CA 90294 503-954-2970 or www.foodsecurity.org

American Farmland Trust, 1920 N Street NW, Suite 400 Washington DC 20036 National support for farmland. 202-331-7300

City Farmer www.cityfarmer.org. Urban sustainability information.

INFORMATION & FUNDING RESOURCES

Regional & Local Organizations

P-Patch Trust

Building Gardens, Growing Communities. The PPT champions community gardening as an integral part of Seattle's open spaces and urban development. Work to provide everyone access to community gardening and to create a garden in every neighborhood. Educate Seattle residents on organic garden practices, urban ecology and biodiversity. Promotes awareness of sustainability and encourages others to join us in building and preserving community gardens. PO Box 19748, Seattle, WA 98109 425-329-1601 www.ppatchtrust.org or email p-patch.trust@ppatchtrust.org.

Lettuce Link Project (Interested in giving some of the organic produce to those in need?) is a service of the Fremont Public Association. Lettuce Link coordinates the donation and delivery of fresh produce from P-Patches to food banks & feeding programs. Call 206-694-6754 if you can help with growing or delivery.

Seattle Tilth inspires people of all ages to deepen their connections to nature in the city through hands-on education about organic gardening, local farms, and sustainable ways of using the world's resources. Tilth's office, excellent reading library, demonstration garden and composting education center is located at the Good Shepherd Center in Wallingford, 4649 Sunnyside Ave N, Rm. 1, southwest side of the grounds. Tilth is a membership organization and provides classes, an excellent monthly newsletter as well as the spring Edible Plant Sale and fall Organic Harvest Fair. For information, please call 633-0451 or visit the web site at www.seattletilth.org, main 206-633-0451.

Natural Lawn & Garden hotline 633-0224.

Seattle Tilth's MASTER Composter/Soil Builder's Training: Learn simple, natural ways to build healthy soil. You'll learn how to compost yard & food wastes, build healthy soils, conserve & protect water, create pest-free landscapes, reduce solid waste, and educate the public. For more information on this program call 206-633-0097.

Washington State University (WSU) Cooperative Extension-King County

Dial Extension is also a WSU/KC service. Prerecorded tapes are available for gardening information. Touch-tone phones, service 24 hours. Dial 296-DIAL, (296-3425), try #1921 - planting in early spring; or #1963 - organic vegetable gardens, or #123 -slugs! **Master Gardeners** trained through WSU/KC, provide free gardening literature and advice. To become a Master Gardener applications are accepted in October and training is Jan & Feb yearly. Master Gardener volunteer advisors are available to help at p-patches. They also serve at local clinics and fairs, and provide information on gardening.

The Center for Urban Horticulture at the University of Washington, 3501 NE 41st St has an excellent reading library open to the public, for a list of classes offered, or to be on the mailing list, please call 685-8033. Plant answer line is at 206-897-5268.

Washington NATIVE PLANT SOCIETY-The WNPS is an organization dedicated to the conservation of the **native** plants of **Washington State** 6310 NE 74th Street, Suite 215E. E-mail: wnps@wnps.org. WNPS offers training in native plant identification, ecology, restoration, and public outreach. In turn volunteers give back hours of volunteer time. If you need help with native plantings at your p-patch, they can link you up with a Native Plant Steward in your area.

Utilities - Underground locators. Please call 800-424-5555 two business days prior to digging to a depth of 12" or more.

Seattle Public Utilities - Water quality and conservation issues 206-684-5849

South Seattle Community College Horticulture Program 206-768-6718.

Association for Women in Horticulture 206-781-3827

Washington Toxics Coalition, Safe alternatives, 206-632-1545

Center for Sustaining Agriculture & Natural Resources WSU Puyallup works to create sustainable agriculture and natural resource systems and developing & implementing interdisciplinary systems oriented research and education. 253-445-4626 or csanr@wsu.edu

-The Cook's Garden: (Warminster,PA) 800-457-9703, cooksgarden.com

-Thomas Jefferson Center for Historic Plants (Charlottesville, VA) monticello.org/shop

-Underwood Gardens (Woodstock, IL) underwoodgardens.com

-Wood Prairie Farm Organic Seed Potatoes (Bridgewater, ME) woodprairie.com

-Graines Baumaux France <http://www.graines-baumaux.fr/>

RECOMMENDED READING

-Maritime Northwest Garden Guide, Seattle Tilth

-Growing Organic Vegetables West of the Cascades, Steve Solomon

-Gardening When it Counts, Steve Solomon

-Winter Gardening in the Maritime Northwest, Binda Colebrook

-Gardening Under Cover, William Head

-Garden Pests and Diseases, Audrey Brooks and Andrew Halstead

-The Organic Garden Book, Geoff Hamilton

-Color Handbook of Garden Insects, Anna Carr

-Color Dictionary of Flowers and Plants of Home and Garden, Roy Hay & Patrick Syngé

-Trees of Seattle, Arthur Lee Jacobson

-Northwest Landscaping, Michael Munro

GARDEN AIDS & TOOLS

-Maritime Northwest Garden Guide, year round organic gardening calendar available through Seattle Tilth 206-633-0451. **Garden Hotline 206-633-0224**

WATER CONSERVATION:

- Increase spacing between plants, this reduces competition for water and nutrients. This technique can be used on any food crop (summer annuals) but works best for tomatoes, winter squash, pole beans, sunflowers and corn.
- Prepare your soil early (March) or before the water has evaporated from the soil. You should prepare the soil and then mulch until your ready to plant. The mulch is vital since it reduces evaporation that can rob soil of its moisture. Alfalfa hay has little weed seeds and adds nitrogen. See the mulch list for more ideas.
- Water in the morning or late afternoon, not in the midday when water will evaporate and be wasted.
- Water deeply. It is better to give plantings a good soaking once a week than to give 3-4 light surface waterings.
- Water slowly and at the roots. Avoiding spraying your plants from the top where water is lost to evaporation and can promote diseases on some plants, such as tomatoes that don't like wet leaves.
- Mulch bare soil, a layer of mulch and soil with lots of organic matter retains moisture longer.

